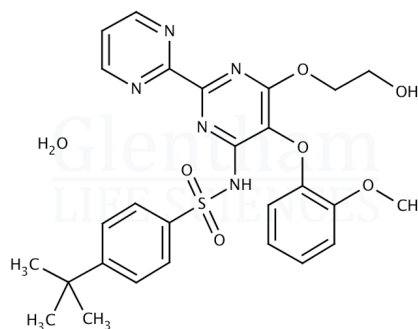


## Certificate of Analysis

Product Name Bosentan hydrate  
Glenthams Code GP5893  
CAS Number 157212-55-0  
PubChem SID 310268529  
MDL Number MFCD09751188  
Additional CAS 147536-97-8 (anhyd.)  
Batch Number 727RIO

Molecular Weight 569.63 (anhydrous)  
Molecular Formula  $C_{27}H_{29}N_5O_6S \cdot xH_2O$   
Storage Temp. +4°C



Property	Specification	Batch 727RIO
Physical Description	White to off-white, light-yellow or faint beige powder	Pale yellow powder
Solubility (0.5% in DMSO)	Clear, colourless to very faint yellow solution (may need warming)	Clear, very faint yellow solution
Residue on Ignition	≤ 0.1%	0.05%
Loss on Drying	≤ 5.0%	3.58%
Assay	≥ 98.0% (dried basis)	99.85%

Specification Version v1.0  
Manufacture Date 2018-06-01  
Re-Test Date 2029-01-21

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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